

product

Ultra high output, high efficiency 50 Watt LED wallpacks. Patent Pending airflow technology ensures long LED and driver lifespan. 5 Year Warranty.

Color: White

Weight: 34.8 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type: Constant Current  
 120V: 0.46A  
 208V: N/A  
 240V: N/A  
 277V: N/A  
 Input Watts: 52W  
 Efficiency: 97%

### LED Info

Watts: 50W  
 Color Temp: 4000K (Neutral)  
 Color Accuracy: 81 CRI  
 L70 Lifespan: 100,000  
 Lumens: 4,134  
 Efficacy: 80 LPW

## Technical Specifications

### Other

#### WPLED3T50 with Photocell:

120V Swivel Photocell Included. Photocell is only compatible with 120V.

#### Equivalency:

WPLED™ 50W replaces 200W metal halide

#### California Title 24:

WPLED50 with available photocell option complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture ≤ 75 Watts. Add /PCT to include a photocell.

#### Patents:

The WPLED™ design is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

#### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

#### Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

### Listings

#### UL Listing:

Suitable for wet locations as a downlight.

#### IESNA LM-79 & IESNA LM-80 Testing:

RAB LED fixtures have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

#### Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.  
 DLC Product Code: P00001793

### LED Characteristics

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### LEDs:

Multi-chip, high-output, long-life LEDs

#### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

#### Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

### Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

### Construction

#### IES Classification:

The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

#### IP Rating:

Ingress Protection rating of IP66 for dust and water.

#### Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

#### Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

#### Thermal Management:

Superior patent pending thermal management design with external Air-Flow fins provides maximum operational life, even in high ambient temperature environments.

#### Housing:

Die cast aluminum housing, lens frame and mounting arm.

#### Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screws.

## Technical Specifications (continued)

### Construction

#### Reflector:

Specular vacuum-metallized polycarbonate

#### Gaskets:

High temperature silicone gaskets

#### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

### Green Technology:

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

### Electrical

#### Driver:

Constant Current, Class 2, 1400mA, 100-277V, 50-60Hz, 0.8A, Power Factor 99%

#### THD:

6.9% at 120V, 7.5% at 277V

### Surge Protection:

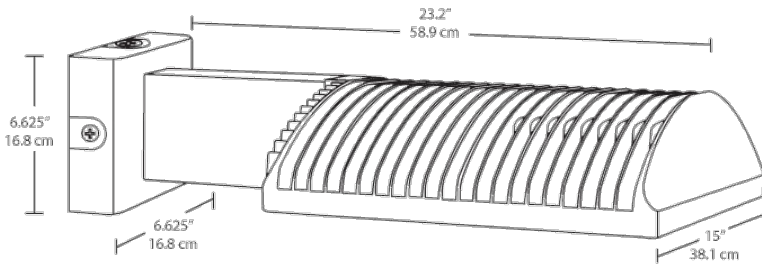
6kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2.

### Optical

#### BUG Rating:

B0 U0 G1

## Dimensions



## Features

High output, high efficiency LED

Maintains 70% of initial lumens at 100,000 hours

Weatherproof high temperature silicone gaskets

Superior heat sinking with die cast aluminum housing and external fins

100 up to 277 Volts

5-year warranty

## Ordering Matrix

| Family | Distribution  | Watts | Color Temp | Mount     | Finish | Voltage | Photocell      | Dimming  | Sensor   | Bi-Level |
|--------|---------------|-------|------------|-----------|--------|---------|----------------|----------|--|----------|
| WPLED  |               |       |            |           |        |         |                |          |  |          |
|        | 2T = Type II  | 50 =  | = 5000K    | =         | =      | = 120-  | = No Photocell | = No     | /WS2 = Multi-Level Motion Sensor (Only available for 120-277V with /D10 for 50W) | = No Bi- |
|        | 3T = Type III | 50W   | (Cool)     | Standard  | Bronze | 277V    | /PC = 120V     | Dimming  |  | Level    |
|        | 4T = Type IV  |       | Y = 3000K  | FX = Flat | W =    | /480 =  | Button         | /D10 =   |  | Level    |
|        |               |       | (Warm)     | Wall      | White  | 480V    | /PC2 = 277     | Dimmable |  |          |
|        |               |       | N = 4000K  |           |        |         | Button         |          |  |          |
|        |               |       | (Neutral)  |           |        |         | /PCS = 120V    |          |  |          |
|        |               |       |            |           |        |         | Swivel         |          |  |          |
|        |               |       |            |           |        |         | /PCS2 = 277V   |          |  |          |
|        |               |       |            |           |        |         | Swivel         |          |  |          |
|        |               |       |            |           |        |         | /PCT = 120-    |          |  |          |
|        |               |       |            |           |        |         | 277V Twistlock |          |  |          |
|        |               |       |            |           |        |         | /PCS4 = 480V   |          |  |          |
|        |               |       |            |           |        |         | Swivel         |          |  |          |
|        |               |       |            |           |        |         | /PCT4 = 480V   |          |  |          |
|        |               |       |            |           |        |         | Twistlock      |          |  |          |